

Title (en)

WAVEFORM DESIGN BASED ON POWER SPECTRAL DENSITY (PSD) PARAMETERS

Title (de)

WELLENFORMDESIGN AUF DER BASIS VON LEISTUNGSSPEKTRALDICHT (PSD)-PARAMETERN

Title (fr)

CONCEPTION DE FORME D'ONDE BASÉE SUR DES PARAMÈTRES DE DENSITÉ SPECTRALE DE PUISSANCE (PSD)

Publication

EP 3656074 A1 20200527 (EN)

Application

EP 18743653 A 20180628

Priority

- US 201762535098 P 20170720
- US 201816020400 A 20180627
- US 2018039992 W 20180628

Abstract (en)

[origin: WO2019018112A1] Wireless communications systems and methods related to communicating in a frequency spectrum using interlaced frequency channels and non-interlaced frequency channels are provided. A first wireless communication device selects a waveform structure between an interlaced frequency structure and a non-interlaced frequency structure for communicating in a frequency spectrum. The first wireless communication device communicates, with a second wireless communication device in the frequency spectrum, a communication signal based on the selected waveform structure. The interlaced frequency structure includes at least a first set of frequency bands in the frequency spectrum, the first set of frequency bands interlacing with a second set of frequency bands in the frequency spectrum. The non-interlaced frequency structure includes one or more contiguous frequency bands in the frequency spectrum.

IPC 8 full level

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Citation (search report)

See references of WO 2019018112A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

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WO 2019018112 A1 20190124; BR 112020000785 A2 20200714; CA 3067149 A1 20190124; CN 110892670 A 20200317; CN 110892670 B 20220826; EP 3656074 A1 20200527; JP 2020527901 A 20200910; JP 7206254 B2 20230117; KR 20200033847 A 20200330; TW 201909600 A 20190301; TW I758506 B 20220321; US 11122566 B2 20210914; US 2019029019 A1 20190124

DOCDB simple family (application)

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